

**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

[ ] Duplicate  
(check, if applicable)

22386 U.S.P.T.O.  
10/654099  
09/03/03



**MAIL STOP PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Attorney Docket No.: 10844-31US (203055 (C-1))**  
**First Named Inventor: Yoshiaki TANAKA**  
**Express Mail Label No.: EV247366265US**  
**Total Pages of Transmittal Form: 2**

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**ALLOY TYPE THERMAL FUSE AND MATERIAL FOR A THERMAL FUSE ELEMENT**

which is:

an  Original; or

a  Continuation,  Divisional, or  Continuation-in-part (CIP) of prior Application No. filed.

Anticipated Group/Art Unit: or Class, Subclass.

This non-provisional patent application is based on Provisional Patent Application No. , filed .

Enclosed are:

Specification (including Abstract) and claims: 59 pages.

7 sheets of drawings (formal).

Application Data Sheet.

Newly executed Declaration (copy).

Copy of Declaration from prior application.

Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).

Microfiche computer program (Appendix).

Nucleotide and/or Amino Acid Sequence Submission, including:  
 Computer readable copy  Paper Copy  Verified Statement.

Under PTO-1595 Cover Sheet, an assignment of the invention

Name of Assignee: **Uchihashi Estec Co., Ltd.**

Certified copy of Japanese Application No. 2002-342066 filed November 26, 2002 is filed:  herewith or  in prior application .

Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as  an Independent Inventor, or  a Small Business Concern, or  a Non-Profit Organization.

Preliminary Amendment.

Information Disclosure Statement, PTO/SB/08A, and cited references.

Request for Nonpublication of Application Under 35 U.S.C. §122(b)

Other:

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$375			\$750	
Total	58-20 =	38	X9	\$ 342.00	OR	X18	\$
Independent	1- 3 =	1	X42	\$	OR	X84	\$
[ ] Multiple Dependent Claims Present			\$140	\$	OR	\$280	\$
			<b>TOTAL</b>	<b>\$ 717.00</b>	<b>OR</b>	<b>TOTAL</b>	<b>\$</b>

[ ] The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts

[X] A check in the amount of **\$717.00** to cover the filing is enclosed.

[X] The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 210844.0031)** as noted below. A duplicate copy of this sheet is enclosed.

[X] Any overpayments or deficiencies in the above-calculated fee.

[ ] Filing fee in the amount of \$\_\_\_\_\_ as calculated above.

[X] Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.

[X] In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

#### CORRESPONDENCE ADDRESS

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 Enclosures